



CITY OF SAN ANTONIO

DEPARTMENT OF DEVELOPMENT SERVICES

TO: All Development Services Department Customers

SUBJECT: **INFORMATION BULLETIN 134**
Corrugated Stainless Steel Tubing (CSST) Bonding (New and Existing
Construction for both Residential and Commercial applications)

DATE: June 5, 2007
August 19, 2008 (revised)

The Development Services Department (DSD) requires gas piping systems to be installed in accordance with the applicable rules found in the most recent adopted versions of the plumbing code. The installation of gas piping systems are also required to meet the minimum bonding and grounding requirements outlined in the most recently adopted version of the electrical code.

The manufacturers of CSST gas piping systems have recently incorporated into their installation instructions more stringent electrical bonding requirements than those found in the current adopted edition of the National Electrical Code (NEC). As a customer service initiative, DSD has developed the following requirements and guidelines pertaining to the bonding of these systems.

- An electrical contractor registered with the City of San Antonio shall be primarily responsible for assuring all bonding requirements are met. The contractor will not need to obtain any special permits as this bonding can be accomplished using the main permit obtained for the electrical wiring of the structure.
- The bonding of CSST systems will need to be done in accordance with all applicable codes and with its manufacturer's instructions before receiving a complete electrical rough-in approval. The contractor will not need to request a separate inspection as this can be witnessed by the electrical inspector at the time of the main wiring rough-in inspection.
- The plumbing contractor and electrical contractor will need to coordinate on structures that have CSST gas piping systems as to allow the additional bonding to be done at the time the electrical inspection is requested.

Following the manufacturer's instructions helps assure that the equipment operates as intended and is free from possible problems that could adversely affect our customers. The effectiveness of electrical bonding on these and other similar systems will be greatly dependent on the effectiveness of the grounding electrode system of the structure itself. Please refer to DSD's **Information Bulletin 131** for further information on incorporating required concrete encased electrodes as part of the overall grounding system of the structure.

Should you have any questions on this process, please contact the Chief Electrical Inspector at (210) 207-8286 or the Development Services Managers at (210) 207-0148 or (210) 207-0159.